OAQ Process Information Application
PI-12: GRAIN ELEVATORS
State Form 52552 (2-06)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
100 N. Senate Avenue, Indianapolis, IN 46204

Telephone: (317) 233-0178 or
Toll Free: 1-800-451-6027 x30178 (within Indiana)
Facsimile Number: (317) 232-6749
Http://www.IN.gov/idem/air/permits/index.html

NOTES:

- The purpose of this form is to obtain detailed information about the grain elevator process. Complete one form for each elevator (or group of identical elevators). Use additional forms as necessary. This is required form.
- Detailed **instructions** for this form are available online at www.IN.gov/idem/air/permits/apps/instructions/pi12instructions.html.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

PART A: Grain Elevator Summary

Part A summarizes the main parameters of the grain elevator operation.

1. Process Installation Date: *(actual or anticipated)*

2. Grain Variety: *(check all that apply)*	**3. Maximum Processing Rate:** *(bushels/year)*	**4. Is the Grain Cleaned prior to processing?**
☐ Corn		☐ No ☐ Yes: *% cleaned*:
☐ Soybeans		☐ No ☐ Yes: *% cleaned*:
☐ Wheat		☐ No ☐ Yes: *% cleaned*:
☐ Oats		☐ No ☐ Yes: *% cleaned*:
☐ Other:		☐ No ☐ Yes: *% cleaned*:

5. Is the Receiving Area open or enclosed? ☐ Open ☐ Enclosed

6. Loading Source: *(check all that apply and indicate the percentage)*
☐ Truck ( ) ☐ Rail ( ) ☐ Barge ( )
☐ Other: ( )

PART B: Storage Details

Part B details the parameters specific to the drying operations of the grain elevator. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

7. Storage Units: *(check all that apply)*	**8. Quantity:**	**9. Unit ID(s):**	**10. Number of Times Filled Annually:**	**11. Storage Capacity:** *(bushels)*
☐ Silo(s)				
☐ Bin(s)				
☐ Other *(specify)*:				
			Total Storage Capacity:	

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PART C: Grain Handling System Details

Part C details the parameters specific to the drying operations of the grain elevator. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

12. Grain Handling System: *(check all that apply)*	13. Quantity:	14. Unit ID(s):	15. Are the Conveyors Totally Enclosed?	16. Are the Transfer Points Totally Enclosed?
☐ Auger			☐ Yes ☐ No	☐ Yes ☐ No
☐ Belt Conveyor			☐ Yes ☐ No	☐ Yes ☐ No
☐ Bucket Conveyor			☐ Yes ☐ No	☐ Yes ☐ No
☐ Drag Conveyor			☐ Yes ☐ No	☐ Yes ☐ No
☐ Pneumatic			☐ Yes ☐ No	☐ Yes ☐ No
☐ Other *(specify)*:			☐ Yes ☐ No	☐ Yes ☐ No

17. Spout Type: ☐ Fixed Down Spout ☐ Telescope Down Spout ☐ Dead Box ☐ Other:

PART D: Dryer Details

Part D details the parameters specific to the drying operations of the grain elevator. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

18. Dryer Types: *(check all that apply)*	19. Quantity:	20. Unit ID(s):	21. Dryer Specific Parameters:	22. Fuel Used: *(If "other", attach completed PI-02F form.)*
☐ Column Dryer			Plate Perforation Diameter *(specify units)*:	☐ NA ☐ Natural Gas only ☐ Other
☐ Rack Dryer			Mesh Size *(specify units)*:	☐ NA ☐ Natural Gas only ☐ Other
☐ Other *(specify)*:			Drying Technique *(specify)*:	☐ NA ☐ Natural Gas only ☐ Other

PART E: Emission Factors

Part E identifies all emission factors used to calculate air emissions from this process.

23. Process Unit: (& ID *if applicable*)	24. Air Pollutant:	25. Emission Factor: *value*	25. Emission Factor: *units*	26. Source of Emission Factor *(if not using AP-42, include calculations)*
				☐ AP-42 ☐ Other
				☐ AP-42 ☐ Other
				☐ AP-42 ☐ Other
				☐ AP-42 ☐ Other
				☐ AP-42 ☐ Other

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PART F: Control Technology

Part F identifies the methods used to control emissions from this process.

27. Are hopper emissions controlled?

☐ Receiving Area only ☐ Grain Processing only
☐ All area are controlled ☐ No areas are controlled

28. Add-On Control Technology: *Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").*

☐ None
☐ Baghouse / Fabric Filter – *Attach CE-02.*
☐ Cyclone – *Attach CE-03.*
☐ Other *(specify)*: – *Attach CE-10.*

29. Control Techniques: *Identify all control techniques used for this process.*

30. Process Limitations / Additional Information: *Identify any acceptable process limitations. Attach additional information if necessary.*

PART G: Federal Rule Applicability

Part G identifies any federal rules that apply to the process.

31. Is a **New Source Performance Standard (NSPS)** applicable to this source? *Attach a completed FED-01 for each rule that applies.*		☐ Yes ☐ No	**32. Unit IDs**
☐ 40 CFR Part 60, Subpart DD	Grain Elevators		
☐ 40 CFR Part 60, Subpart OOO	Non-Metallic Mineral Processing Plants		
☐ 40 CFR Part 60, Subpart UUU	Calciners and Dryers in Mineral Industries		
33. Is a **National Emission Standard for Hazardous Air Pollutants (NESHAP)** applicable to this source? *Attach a completed FED-01 for each rule that applies.*		☐ Yes ☐ No	**34. Unit IDs**
☐ 40 CFR Part 61, Subpart _____	*(specify)*		
☐ 40 CFR Part 63, Subpart _____	*(specify)*		

35. Non-Applicability Determination: Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.